



Via 016-CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Brian C. Banister	<p>I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>On: January 26, 2007</p> <p><i>Barbara S. Kelly</i> 1/26/07 Barbara S. Kelly</p>
App. No.	:	10/080,751	
Filed	:	February 22, 2002	
For	:	METHOD AND APPARATUS FOR GENERATING TRANSMIT ADAPTIVE ANTENNA WEIGHTS WITH NULLING USING BINARY GRADIENT FEEDBACK	
Group Art:	:	2611	
Confirmation No.:	:	8423	
Examiner:	:	Burd, Kevin Michael	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the subject application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

(X) This Information Disclosure Statement is being filed after the receipt of a first Office Action in accordance with 37 CFR 1.97(c). Therefore, the fee in the amount of \$180 is being included in accordance with 37 CFR 1.97(c)(2).

(XX) According to 37 CFR 1.98(2), we are not providing copies of the U.S. patent references listed on the attached Form SB-08A. All of the listed and attached references cited on Form SB-08B are in the English language.

01/30/2007 HLE333 00000029 10080751

03 FC:1806

180.00 DP

Date: January 26, 2007

JAQUEZ & ASSOCIATES
6265 Greenwich Drive, Suite 100D
San Diego, CA 92122
(858) 453-2004 (voice)
(858) 453-1280 (fax)

Respectfully submitted,

Lisa M. Griffith
Signature Lisa M. Griffith
Registration No. 41,185



PTO/SB/08B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete If Known

Application Number	10/080,751
Filing Date	February 22, 2002
First Named Inventor	Brian Banister
Art Unit	2611
Examiner Name	Burd, Kevin Michael
Attorney Docket Number	VIA-016-CIP

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5	BANISTER, et al., "Tracking Performance of a Stochastic Gradient Algorithm for Transmit Antenna Weight Adaptation with Feedback," May 2001, pp. 2965-2968, IEEE.	
	6	BANISTER, et al., "A Stochastic Gradient Algorithm for Transmit Antenna Weight Adaptation with Feedback," 2001, pp. 314-317, IEEE.	
	7	GERLACH, "Adaptive Transmitting Antenna Arrays with Feedback," 1994, pp. 150-152, IEEE.	
	8	LIANG, "Forward Link Antenna Diversity Using Feedback for Indoor Communication Systems," September 1995, pp. 1396-1400, IEEE.	
	9	GERLACH, "Adaptive Transmitting Antenna Methods for Multipath Environments," 1994, pp. 425-429, vol. 1, IEEE Globecom.	
	10	DERRYBERRY, et al., "Transmit Adaptive Arrays without User Specific Pilot," 3GPP2-C30-19990817-030, 1999, pgs. 1-4, 8/16-20, Portland, Oregon.	
	11	HARRISON, "TX AA Parameter Recommendations," 3GPP2-C30-19990914-010, September 14, 1999, pp. 1-3, Tokyo, Japan.	
	12	PEDERSEN, et al., "A Stochastic Model of the Temporal and Azimuthal Dispersion Seen at the Base Station in Outdoor Propagation Environments," (continued)	
		(cont. from above) March 2000, pp. 437-447, Vol. 49, No. 2, IEEE Transactions on Vehicular Technology.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.